

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No. F3C
Comp. by HH

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

LOST SEAL Stream - Site F3
Date 7/3, 1994 Party H.H./G.D.
Width 4.90 Area 1.512 Vel. 1.523 G.H. 4.27 Disch. 2.30
Method 6 No. secs. 18 G.H. change. 0 in 1/3 hrs. Susp.
Method coef. Hor. angle coef. 1.0 Susp. coef. Meter No.
Type of meter Pygmy Date rated Tag checked
Meter ft. above bottom of wt. Spin before meas. ✓ after ✓
Meas. plots. % diff. from. rating. Levels obtained NO

GAGE READINGS <u>OG RPI</u>					WATER QUALITY MEASUREMENTS	
Time	Inside	ADR	Graphic	Outside	No Yes. <u>X</u>	Time
<u>1539</u>	<u>4.30</u>		<u>4.27</u>	<u>4.11</u>	Samples Collected	
<u>1600</u>	<u>4.30</u>		<u>4.27</u>	<u>4.11</u>	No Yes. <u>X</u>	Time
					Method Used	
					EDI EWI Other. <u>X</u>	
<u>(OG = 5.38 - RPI)</u>					SEDIMENT SAMPLES	
					No <u>X</u> Yes.	Time
					Method Used	
					EDI EWI Other.	
Weighted M.G.H.					BIOLOGICAL SAMPLES	
G. H. correction					Yes.	Time
Correct M.G.H.					No <u>X</u>	Type

Check bar. chain found changed to at
Wading cable, ice, boat, upstr., downstr., side bridge 200 feet, mile, above, below gage.
 Measurement rated excellent (2%), good (5%), fair (8%) poor (over 8%); based on the following cond:
 Flow. UNIFORM + EVEN
 Cross section SAND + GRAVEL - UNIFORM
 Control rock weir - NO ICE - NO leaks
 Gage operating ✓ Weather cloudy, up valley breeze
 Intake/Orifice cleaned Air °C@ Water °C@
 Record removed ✓ Extreme Indicator: Max. Min.
 Manometer N₂ Pressure Tank 1600 Feed Bbl rate per min.
 CSG checked Stick reading
 Observer
 HWM outside, in well
 Remarks

River at—

1545